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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, DC 20231.

July 22, 1999
Date

M. A. Scarlett
Millicent A. Scarlett

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard Voellmy
Application No. : 09/304,121
Filed : May 3, 1999
For : MOLECULAR REGULATORY CIRCUITS TO ACHIEVE
SUSTAINED ACTIVATION OF GENES OF INTEREST BY A
SINGLE STRESS

Docket No. : 870109.409
Date : July 22, 1999

Box Missing Parts
Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner:

In response to the Notice to File Missing Parts dated May 25, 1999, please find enclosed a Declaration and Power of Attorney, Form PTO-1533, and a Verified Statement Claiming Small Entity Status for the above-identified application.

Also enclosed please find a Diskette Containing Sequence Listing; Copy of Form PTO-1661; Declaration Regarding Diskette, and paper copy of Sequence Listing.

07/29/1999 AIBRAHIM 00000087 09304121

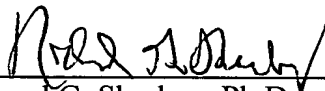
01 FC:201	380.00 OP
02 FC:202	39.00 OP
03 FC:203	225.00 OP
04 FC:204	130.00 OP
05 FC:205	65.00 OP

Also enclosed is a check in the amount of \$839 for the requisite fees. The fees have been calculated in accordance with applicant's small entity status.

Basic Fee	\$	380	✓
Total Claims (45, 25 extra)		225	✓
Independent Claims (4, 1 extra)		39	✓
Multiple Dependent Claims Surcharge		130	
Missing Parts Surcharge		65	
TOTAL	\$	839	

The Assistant Commissioner is hereby authorized to charge any additional filing fees or to credit any overpayment to Deposit Account No. 19-1090. A duplicate copy of this response is enclosed.

Respectfully submitted,
SEED and BERRY LLP



Richard G. Sharkey, Ph.D.
Registration No. 32,629

RGS:mas

Enclosures:

- Postcard
- Check
- Copy of this Response
- Declaration and Power of Attorney
- Verified Statement Claiming Small Entity Status
- Copy of Form PTO-1533
- Preliminary Amendment
- Diskette Containing Sequence Listing
- Copy of Form PTO-1661
- Declaration Regarding Diskette
- Paper Copy of Sequence Listing

6300 Columbia Center
701 Fifth Avenue
Seattle, Washington 98104-7092
(206) 622-4900
Fax: (206) 682-6031

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PATENT

Applicant : Richard Voellmy
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SUSTAINED ACTIVATION OF GENES OF INTEREST BY A
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Docket No. : 870109.409

Date : May 3, 1999

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Assistant Commissioner:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL251274327US, on May 3, 1999, addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Respectfully submitted,
SEED and BERRY LLP



Aaron Dooley

RGS:mas

Enclosures:

Postcard
Form PTO/SB/05
Specification, Claims, Abstract (42 pages)
Five (5) Sheets of Drawings (Figures 1-5)

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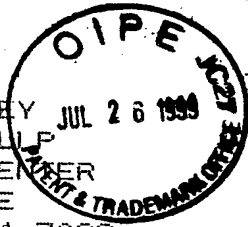


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARK
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/304,121	05/03/99	VOELLMY	R 870109.409

RICHARD G SHARKEY
SEED AND BERRY LLP
6300 COLUMBIA CENTER
701 FIFTH AVENUE
SEATTLE WA 98104-7092



0262/0525

NOT ASSIGNED

1643

DATE MAILED:

05/25/99

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application fails to comply with the requirements of 37 CFR 1.821 - 1.825.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. OTHER: _____

APPLICANT MUST PROVIDE:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing."
- ☒ An initial or substitute paper copy of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CONTACT:

- ☐ For Rules Interpretation, call (703) 308-1123.
- ☐ For CRF submission help, call (703) 308-4212.
- ☐ For Patent software help, call (703) 308-6856.

R. Walker
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



LJT/RGS

09/304.121 05/03/99 VOELLMY

R 870109.409

0262/0525

RICHARD G SHARKEY
SEED AND BERRY LLP
6300 COLUMBIA CENTER
701 FIFTH AVENUE
SEATTLE WA 98104-7092

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05/25/99
Miss Part's
July 25, 1999

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P. Walker